

## SEQUENCE LISTING

-:110 · DUFF, GOFLON W. DI GIOVINE, F.S.

MUTATION MUTATION

(150 + MSA-014.01)

-:141 - 09/247,874 -:141 - 1999-02-10

-(160 + 19)

%17] - PatentIn Ver. 2.1

+1210 + 1 +1211 + 9721

41212 + 5NA

Hillar Homo sapiens

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+332\*\* (135)..(136)

8223 - a, c, t, g, other or unknown

+4.10 - 1

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  <110 - 1
  4211 - 9721
 4212 + DNA
 H213 - Homo sapiens
  -1220 -
 HEEL - modified base
  (222 \cdot (135)..(136))
 H323 - a, b, t, g, other or unknown
 -1400 - 2
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  ក្សារង្គង់ងងងង aaagggtote tootgatoat tgaotgtotg gattgabact gabagtaago 9000
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  11110 - 3
  4211 - 33
  4012 - INA
  KALE - Artificial Sequence
  HART - Description of Artificial Sequence: Primer
  +1400 \times 3
                                                                       23
  istoccasat totgatgago aac
  4.210 - 4
  3011 × 32
  40010 - 50A
  · : : · Artificial Sequence
  40.20%
  H123 - Description of Artificial Sequence: Primer
                                                                       22
  tiple reactor ageaatgagg ag
  4310 - 5
  -1.11 - 32
  HILL DNA
  Antificial Sequence
  <2220 -
```

| <pre>(2233 Fescription of Artificial Sequence: Primer (40)f</pre>  |    |
|--|----|
| ocalitiaas totgagotta tatattttga gt  | 32 |
| :010 - 6<br>:::11 - 31<br>:::13 - 3MA<br>:::13 - Artificial Sequence   |    |
| 002000<br>00230 Description of Artificial Sequence: Primer   |    |
| <pre>0:100 + 6 toaarttgga otggtgtgot o</pre>   | 21 |
| HILLS THE SECOND SEQUENCE TO SECOND S |    |
| <pre>+DD08 -DD30 Description of Artificial Sequence: Primer</pre>  |    |
| юдлор 7<br>Noawaaccat tgaacagtat gatatttg  | 28 |
| H.1. + E<br>H.11 + 42<br>H.71 - EMA<br>H. 13 + Artificial Sequence   |    |
| <pre>%%L0% %%L1% Tescription of Artificial Sequence: Probe</pre>   |    |
| equific 8<br>arcangtoot ttaattaaba otgaaaatat ataagotoag at  | 42 |
| HILLS P<br>HILLS 45<br>HILLS ENA<br>HILLS Artificial Sequence  |    |
| -11200<br>-1123 Description of Artificial Sequence: Probe  |    |
| ्राव्यात्रक के विकास का अनुसार के अ  | 45 |
| -0110-10<br>-0110-44<br>-021ENA  |    |

<213: Artificial Sequence	
<pre>&lt;220: &lt;22:0 Description of Artificial Sequence: Synthetic oligonucleotide</pre>	
<pre>4(0):- 1) satisfigaget tatatatttt cagtottaat taaaggactt gatt</pre>	4 4
HD100-11 HD110-44 HD110-DNA HD130-Artificial Sequence	
Substitute Substitute	
040000 11 Matorgagot tatatattit dagtgitaat taaaggadti gatt	.14
+0.100 10 +0.100 20 +0.100 EMA +0.100 Artificial Sequence	
-N.D. Pescription of Artificial Sequence: Synthetic cligonucleotide	
<pre>cultive cuttive modified_base cuttive (11)(16) cuttive a, c, t, g, other or unknown</pre>	
04000-10 oogaetsyag ninnnnatgt gg	22
en 1819-15 en 1819-25 en 1819-201A en 1839-Artificial Sequence	
000000 000000 Description of Artificial Sequence: Primer	
-(4)); - 13 sigogtyttg aaagatgata ago	23
<pre> cd11 + 14 cd11 + 20 cd12 + DNA cd213 * Artificial Sequence </pre>	

. 4023 - Description of Artificial Sequence: Primer 14 10 14 25 -0.111 - 15 -0.111 - 20 MAID INA H211 - Artificial Sequence Many - Description of Artificial Sequence: Primer (4)00 - 15 20 agougtadad ggaasttogd 41111 - 16  $\pm 0.011 \times 10^{-1}$ HULL - INA \*::13 \* Artificial Sequence HALLS Description of Artificial Sequence: Primer 140 - 16 19 staawacago ggaagaggt -1210 - 17 3211 - 20 -111 - INA Mile Artificial Sequence Hamily Description of Artificial Sequence: Probe 34400 × 17 20 seggestate tgggtacage  $4.216 \times 12$ -1.111 - 20 ...III - DHA Mill - Artificial Sequence Addit - Description of Artificial Sequence: Probe <401 ⋅ 15 20 toglactyte tagagettgt

<210-13

tcagaaccat tgaacagtat gatatttc